

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/822,033DATE: 06/28/97
TIME: 15:05:04

INPUT SET: S18670.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

ENTERED

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: MARASCO, WAYNE A
CHEN, SI-YI(ii) TITLE OF INVENTION: NUCLEIC ACID DELIVERY SYSTEM, METHOD OF
SYNTHESIS AND USES THEREOF

(iii) NUMBER OF SEQUENCES: 9

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS &
CUSHMAN

(B) STREET: 130 WATER STREET

(C) CITY: BOSTON

(D) STATE: MASSACHUSETTS

(E) COUNTRY: US

(F) ZIP: 02109

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 08/822,033

(B) FILING DATE: 24-MAR-1997

(C) CLASSIFICATION: 514

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/199,070

(B) FILING DATE: 02-FEB-1994

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: CONLIN, DAVID G

(B) REGISTRATION NUMBER: 27026

(C) REFERENCE/DOCKET NUMBER: 43471

(ix) TELECOMMUNICATION INFORMATION:

(A) TELEPHONE: (617) 523-3400

(B) TELEFAX: (617) 523-6440

(C) TELEX: 200291 STRE UR

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47
48 (2) INFORMATION FOR SEQ ID NO:1:
49
50 (i) SEQUENCE CHARACTERISTICS:
51 (A) LENGTH: 8 amino acids
52 (B) TYPE: amino acid
53 (C) STRANDEDNESS: unknown
54 (D) TOPOLOGY: unknown
55
56
57
58 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
59
60 Lys Lys Lys Tyr Tyr Lys Leu Lys
61 1 5
62
63 (2) INFORMATION FOR SEQ ID NO:2:
64
65 (i) SEQUENCE CHARACTERISTICS:
66 (A) LENGTH: 36 base pairs
67 (B) TYPE: nucleic acid
68 (C) STRANDEDNESS: unknown
69 (D) TOPOLOGY: unknown
70
71
72
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
74
75 TTTGAATTCA AGCTTACCAT GGAACATCTG TGGTTC 36
76
77 (2) INFORMATION FOR SEQ ID NO:3:
78
79 (i) SEQUENCE CHARACTERISTICS:
80 (A) LENGTH: 33 base pairs
81 (B) TYPE: nucleic acid
82 (C) STRANDEDNESS: unknown
83 (D) TOPOLOGY: unknown
84
85
86
87 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
88
89 GGTACCGAAT TCTCTAGAAC AAGATTTGGG CTC 33
90
91 (2) INFORMATION FOR SEQ ID NO:4:
92
93 (i) SEQUENCE CHARACTERISTICS:
94 (A) LENGTH: 36 base pairs
95 (B) TYPE: nucleic acid
96 (C) STRANDEDNESS: unknown
97 (D) TOPOLOGY: unknown
98
99

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100
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
102
103 GGTACCGAAT TCTCTAGAAT GGCCAGGTAC AGATGC 36
104
105 (2) INFORMATION FOR SEQ ID NO:5:
106
107 (i) SEQUENCE CHARACTERISTICS:
108 (A) LENGTH: 48 base pairs
109 (B) TYPE: nucleic acid
110 (C) STRANDEDNESS: unknown
111 (D) TOPOLOGY: unknown
112
113
114
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
116
117 TTTAGGATCC TTAACAACAC CTCATGGCTC TCCTCCGTGT CTGGCAGC 48
118
119 (2) INFORMATION FOR SEQ ID NO:6:
120
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 78 base pairs
123 (B) TYPE: nucleic acid
124 (C) STRANDEDNESS: unknown
125 (D) TOPOLOGY: unknown
126
127
128
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
130
131 TTAATTGCGG CCGCTTAGTG TCTTCTACAT CTCGGTCTGT ACCTGGGGCT GACACCTCAT 60
132
133 GGCTCTCCTC CGTGTCTG 78
134
135 (2) INFORMATION FOR SEQ ID NO:7:
136
137 (i) SEQUENCE CHARACTERISTICS:
138 (A) LENGTH: 33 base pairs
139 (B) TYPE: nucleic acid
140 (C) STRANDEDNESS: unknown
141 (D) TOPOLOGY: unknown
142
143
144
145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
146
147 TTTAAGCTTA TGGGCGACGT CAGCTTCAGC ACC 33
148
149 (2) INFORMATION FOR SEQ ID NO:8:
150
151 (i) SEQUENCE CHARACTERISTICS:
152 (A) LENGTH: 27 base pairs

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153 (B) TYPE: nucleic acid
154 (C) STRANDEDNESS: unknown
155 (D) TOPOLOGY: unknown
156
157
158
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
160
161 TTTTCTAGAT TACTTCAGGT CCTCCGG
162
163 (2) INFORMATION FOR SEQ ID NO:9:
164
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH: 30 base pairs
167 (B) TYPE: nucleic acid
168 (C) STRANDEDNESS: unknown
169 (D) TOPOLOGY: unknown
170
171
172
173 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
174
175 TTTAAGCTTA TGGCCGACGT GGTGAGCCTG
176

27

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SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/822,033

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